

ABSTRACT OF THE DISCLOSURE

An ultrashort pulsed laser device includes: a pump laser diode having linear polarization; a solid laser medium oscillating with linear polarization; an optical fiber maintaining a polarization direction; and a saturable absorber mirror. The solid laser medium is disposed between the optical fiber and the saturable absorber mirror. Laser light emitted from the pump laser diode optically is coupled with a first end face of the optical fiber, and laser light emitted from a second end face of the optical fiber pumps the solid laser medium. The first end face of the optical fiber and the saturable absorber mirror constitute a laser resonator. With this configuration, mode lock can be realized stably at a repetition frequency of several hundred MHz.